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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jih-Sheng Lai *et al.*

Confirmation No.: 1093

Serial No.: 10/723,620

Art Unit: 2838

Filed: November 25, 2003

Examiner: Berhane, Adolf D.

For: *Multifunction Hybrid Intelligent
Universal Transformer*

Attorney Docket No.: 060825-335-US

Date: April 25, 2005

RESTRICTION ELECTION WITH AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The enclosed Restriction Election With Amendment is in response to the Office Action dated March 25, 2005, for the above identified patent application.

The Commissioner is hereby authorized to charge any required fee(s) to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310 (order no. 60825-0335). A copy of this sheet is enclosed for such purpose.

RESTRICTION ELECTION WITH AMENDMENT

Applicants elect to prosecute the Group I claims (1-9). Applicants have amended the claims as described below.

IN THE CLAIMS:

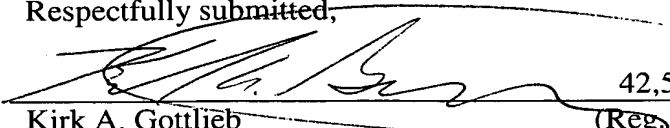
1. (Original) A power conversion device, comprising:
a transformer having a primary input winding and multiple secondary output windings; and
a switched inverter circuit coupled to the secondary output windings and configurable to couple a first output winding with a parallel path inverter and configurable to couple a second output winding with a series path inverter.
2. (Original) The device of claim 1, wherein the series path inverter is a full-bridge inverter.
3. (Original) The device of claim 1, further comprising:
an energy storage device coupled to the parallel path inverter for mitigating voltage disturbances.
4. (Original) The device of claim 1, further comprising:
a filter coupled to the output of the transformer for smoothing output waveforms.
5. (Original) The device of claim 1, further comprising:
an AC/DC converter block coupled to the parallel path inverter for converting Alternating Current (AC) waveforms into Direct Current (DC) waveforms.
6. (Original) The device of claim 5, wherein the AC/DC converter block is a full-bridge converter.
7. (Original) The device of claim 5, wherein the AC/DC converter block is a diode bridge.
8. (Original) The device of claim 1, wherein the series path inverter and the parallel path inverter comprise a plurality of configurable semiconductor switches.
9. (Currently Amended) The device of claim 8, wherein the semiconductor switches are ~~thyristors~~ gate controlled devices.

Claims 10-20. (Cancelled).

The Examiner is invited to call the undersigned attorney at (650) 843-7527, if a telephone call could help resolve any remaining items.

Respectfully submitted,

Date: April 25, 2005


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